

St Oswald's Computing LTP 2023/2024

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<p>Introduction to Purple Mash – Logging in and keyboard recognition</p> <p>Unit 1.9 Technology outside school Weeks – 2</p> <p>Unit 1.2 Grouping & Sorting <i>Number of Weeks 2</i> <i>Programs – 2Quiz</i></p>	<p>Unit 1.3 Pictograms Weeks – 3 Programs – 2Count</p> <p>Unit 1.4 Lego Builders Weeks – 3 Programs – 2Quiz Paint Projects Writing Templates</p>	<p>Unit 1.5 Maze Explorers Weeks – 3 Programs – 2Go</p>	<p>Unit 1.6 – Animated Story Books Weeks 5</p>	<p>Unit 1.7 Coding Weeks – 6 Programs – 2Code</p>	<p>Unit 1.8 Spreadsheets Weeks – 3 Programs – 2Calculate</p>
Online safety – Project Evolve	<p>Online Relationships</p> <p>Self Image and relationships</p>	Privacy and Security	Copyright and Ownership	<p>Health, wellbeing and Lifestyle</p> <p>Online Bullying</p>	Privacy and Security	<p>Online reputation</p> <p>Online Relationships</p>

Year	Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
2	Unit 2.1 Coding Number of Weeks – 5 Main Programs – 2Code	Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate	Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate 2Calculate	Unit 2.5 Effective Searching Weeks – 3 Programs – Browser 2Quiz Writing Templates *Unit 2.7 Making Music Weeks – 3 Programs – 2Sequence	*Unit 2.6 Creating Pictures Weeks – 5 Programs – 2Paint A Picture Writing Templates	Unit 2.8 Presenting Ideas Weeks – 4 Programs – 2Connect (Mind Map) 2Create a Story (ebook) 2Quiz Writing Templates
Online safety – Project Evolve	Self Image and Identity	Online relationships Online Reputation	Online Bullying	Managing online information Healthy Wellbeing and Lifestyle	Privacy and Security	Copywrite and Ownership

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
3	Unit 3.1 Coding Number of Weeks – 6 Main Programs – 2 Code	Unit 3.3 Spreadsheets Weeks – 3 Programs – 2 Calculate Unit 3.4 Touch-Typing Weeks – 4 Programs – 2 Type	Unit 3.5 Email (including email safety) Weeks – 6 Programs – 2 Email	Unit 3.6 Branching Databases Weeks – 4 Programs – 2 Question	Unit 3.7 Simulations Weeks – 3 Programs – 2 Simulate, Writing Templates Unit 3.8 Graphing Weeks – 2 Programs – 2 Graph Writing Templates 2 Blog (Blogging)	Unit 3.9 Presenting (with Microsoft PowerPoint or Google Slides) Number of Lessons – 5 or 6 (version dependent) Main Program – MS PowerPoint or Google Slides
Online safety – Project Evolve	Health, wellbeing and life style	Managing information online	Online reputation	Self Image and identity	Privacy and security Copy right and ownership	Online bullying Online relationships

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
4	Unit 4.1 Coding Number of lessons – 6 Main Programs – 2Code	Unit 4.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate	Unit 4.4 Writing for different audiences Number of lessons – 5 Programs – 2Em	Unit 4.5 Logo Number of lessons – 4 Programs – Logo	Unit 4.6 Animation Number of lessons – 3 Programs – 2Animate Unit 4.7 Effective Search Number of lessons – 3 Programs – Browser	Unit 4.8 Hardware Investigators Number of lessons – 2 Unit 4.9 Making Music Number of Lessons – 4 Main Program
Online safety – Project Evolve	Online Bullying Online Relationships	Managing Online Information	Health, wellbeing and lifestyle	Copyright and Ownership	Self Image and Identity Online Reputation	Privacy and Security

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
5	<p>Unit 5.8 Word processing (with Microsoft Word or Google Docs) Number of Lessons – 8 Main program – MS Word or Google Docs</p> <p>Final piece shows evidence of improvements to the content.</p>	<p>Unit 5.1 Coding Number of lessons – 6 Main Programs – 2Code</p> <p>Final piece: includes evidence of sequencing, selection and repetition</p>	<p>Unit 5.5 Game Creator Number of lessons – 5 Programs – 2DIY 3D</p>	<p>Unit 5.3 Spreadsheets Number of lessons – 6 Programs – 2Calculate</p> <p>Or</p> <p>Unit 5.7 Concept Maps Number of lessons – 4 Programs – 2Connect</p>	<p>Unit 5.4 Databases Number of lessons – 4 Programs – 2Question, 2Investigate</p> <p>Or</p> <p>Unit 5.6 3D Modelling Number of lessons – 4 Programs – 2Design and Make</p>	<p>Unit 5.9 Using External Devices – Purple Chip Number of Lessons – 6 Main program – 2Code Purple Chip and app</p>
Online safety – Project Evolve	<p>Health, wellbeing and lifestyle</p> <p>Managing online information</p>	<p>Self Image and Identify</p> <p>Online Relationships</p>	Online Bullying	Copywrite and Ownership	Online Reputation	Privacy and Security

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
6	Unit 6.1 Coding (Computer Science) Number of lessons – 6 Main Programs – 2Code	Unit 6.4 Blogging (Information Technology) Number of lessons – 4 Programs – 2Blog	Unit 6.5 Text Adventures Number of lessons – 5 Programs – 2Code, 2Connect	Spreadsheets Number of lessons – 6 Programs – Excel	Unit 6.8 Understanding Binary Number of Lessons – 4 Main Program – 2Code	Unit 6.7 Quizzing Weeks – 6 Programs – 2DIY 2Quiz Text Toolkit 2Investigate (database)
		Unit 6.6 Networks Number of lessons – 3				
Online safety – Project Evolve	Health, wellbeing and lifestyle Managing online information	Self Image and Identify Online Relationships	Online Bullying	Copywrite and Ownership	Online Reputation	Privacy and Security